

ABSTRACT

(1) A carbonaceous material for forming an electrically conductive composition, comprising a vapor grown carbon fiber, 5 each fiber filament of the carbon fiber having an outer diameter of 2 to 500 nm and an aspect ratio of 10 to 15,000, or the carbon fiber containing boron in an amount of 0.01 to 5 mass%, and graphitic particles and/or amorphous carbon particles, wherein the amount of the vapor grown carbon fiber 10 is 10 to 90 mass%, the amount of the graphitic particles is 0 to 65 mass%, and the amount of the amorphous carbon particles is 0 to 35 mass%;

(2) an electrically conductive composition comprising the carbonaceous material for forming an electrically conductive 15 composition, and a producing method thereof;

(3) an electrically conductive coating material comprising, as an electrically conductive material, the electrically conductive composition, and an electrically conductive coating film and electric device using the electrically 20 conductive coating material.